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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/668,180	09/24/2003	Davide Bonatti	2545-0432	5382

42624 7590 02/02/2005

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ARLINGTON, VA 22203

EXAMINER
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VALENZA, JOSEPH E

ART UNIT	PAPER NUMBER
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3651

DATE MAILED: 02/02/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

10/668,180

Applicant(s)

BONATTI ET AL.

Examiner

Joseph Valenza

Art Unit

3651

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 18 January 2005.
- 2a) ☒ This action is FINAL. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1,2,5-16 and 18-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1,2,5-16,18-20 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948)                                    | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

### DETAILED ACTION

1. Claims 1, 2, 5-16 and 18-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Vierling or German reference '515 or French reference '166.

Vierling has a vertical shaft 25, holding means 80, 81, feed means 23, 34 and means 100 operating in conjunction the holding means. German reference '515 has a vertical shaft 18, holding means 43, feed means 11 and means 7 operating in conjunction the holding means. French reference '166 has a vertical shaft 5, holding means 8, feed means 3a, 3b and means 14 operating in conjunction the holding means. While the means operating in conjunction the holding means in each of the prior art devices forms a circle when viewed in plan (top) view, the means operating in conjunction the holding means can never the less be considered to be C-shaped by not considering the upper flat cam track portion as being part of the means operating in conjunction the holding means because it does not vary the height of the holding means. Only the inclined cam track varies the height of the holding means. The term tubular only adds mass to the means operating in conjunction the holding means. Since the means operating in conjunction the holding means in the prior art are functionally equivalent to that which is claimed including the unclaimed feature of changing one cam track for another, no patentable merit is achieved by applicants' design.

With regard to claim 6, the French reference does not apply. With regard to claim 9, note cam 14 of French reference '166. With regard to claim 16, the design of the actuating means has not been proven to be critical to the operation of the system in

comparison to the functionally equivalent actuating means 65, etc. of Vierling. With regard to claim 20, only Vierling applies.

2. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

3. Any inquiry concerning this communication should be directed to Joseph E. Valenza at telephone number (703) 308-2577. Amendments may be faxed to (703) 872-9306. My normal work week is Monday through Thursday.

A handwritten signature in black ink, reading "Joseph Valenza". The signature is fluid and cursive, with the first name "Joseph" and last name "Valenza" clearly distinguishable.

JOSEPH E. VALENZA  
PRIMARY EXAMINER